



Department of Energy

Ohio Field Office
Fernald Closure Project
175 Tri-County Parkway
Springdale, Ohio 45246



JUL 26 2006

Mr. James A. Saric, Remedial Project Manager
United States Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0176 -06

Mr. Thomas Schneider, Project Manager
Ohio Environmental Protection Agency
Southwest District Office
401 East Fifth Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF THE ADDENDUM TO THE CERTIFICATION REPORT FOR AREA 2, PHASE II - SUBAREAS 1, 2, AND 4

- References:
- 1) "Certification Report for Area 2, Phase II - Subareas 1, 2, and 4,"
Document 20450-RP-0006, dated April 2004
 - 2) "Addendum to the Certification Design Letter and Project Specific Plan
for Area 2, Phase II - Subareas 1, 2, and 4 Certification Sampling,"
Documents 20450-RP-0005 and 20450-PSP-0004, dated May 30, 2006

This letter and the enclosed figures are being submitted for your review and approval as an addendum to the Certification Report for Area 2, Phase II (A2PII) - Subareas 1, 2, and 4 (Reference 1). The scope of this addendum is the previously certified and restored road, an area of approximately 0.51 acres that begins at the Pilot Plant Drainage Ditch to the north and terminates with the A2PII - Subarea 3 Impacted Material Haul Road to the south running through the middle of A2PII - Subarea 4 (see Figure 1 of this addendum).

The footprint of the A2PII - Subarea 4 haul road was made up of one CU as described in the Addendum to the Certification Design Letter and Project Specific Plan for Certification Sampling of A2PII - Subareas 1, 2, and 4 (Reference 2). Sampling was conducted in this area to recertify the footprint of the road and verify that the certification criteria had been maintained.

The A2PII - Subarea 4 haul road underwent the recertification process in June 2006. The results of this process indicated that the certification unit (see Figure 2 of this addendum) met the certification criteria. Final certification data are presented in Attachment 1 of this addendum. Based on these results, it has been determined that the remedial objectives of the Operable Unit 5

Mr. James Saric
Mr. Thomas Schneider

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Record of Decision have been achieved and maintained in the A2PII - Subarea 4 haul road area and no remedial actions are required. The subject area will be restored and the stone placed in a depressed section of the road will be removed. Restoration of this area will be conducted in the next several weeks together with restoration of the Silos 1 and 2 footprint and adjacent side slope toward Paddys Run that are currently being certified. When both areas are certified, clean equipment and restoration materials will be utilized and will be allowed to cross the Pilot Plant Drainage Ditch that divides the two areas in order to efficiently complete the restoration tasks in both areas.

If you have any questions or require additional information, please contact me at (513) 648-3139.

Sincerely,



Johnny W. Reising
Director

Enclosures

cc w/enclosures:

J. Desormeau, DOE-OH/FCP

T. Schneider, OEPA-Dayton (three copies of enclosures)

G. Jablonowski, USEPA-V, SRF-5J

M. Cullerton, Tetra Tech

M. Shupe, HSI GeoTrans

S. Helmer, ODH

AR Coordinator, Fluor Fernald, Inc./MS6

cc w/o enclosures:

J. Chiou, Fluor Fernald, Inc./MS88

F. Johnston, Fluor Fernald, Inc./MS12

C. Murphy, Fluor Fernald, Inc./MS1

ATTACHMENT 1
STATISTICAL EVALUATION OF DATA ASSOCIATED WITH THE RECERTIFICATION OF THE HAUL ROAD RUNNING
THROUGH AREA 2, PHASE 2 - SUBAREA 4

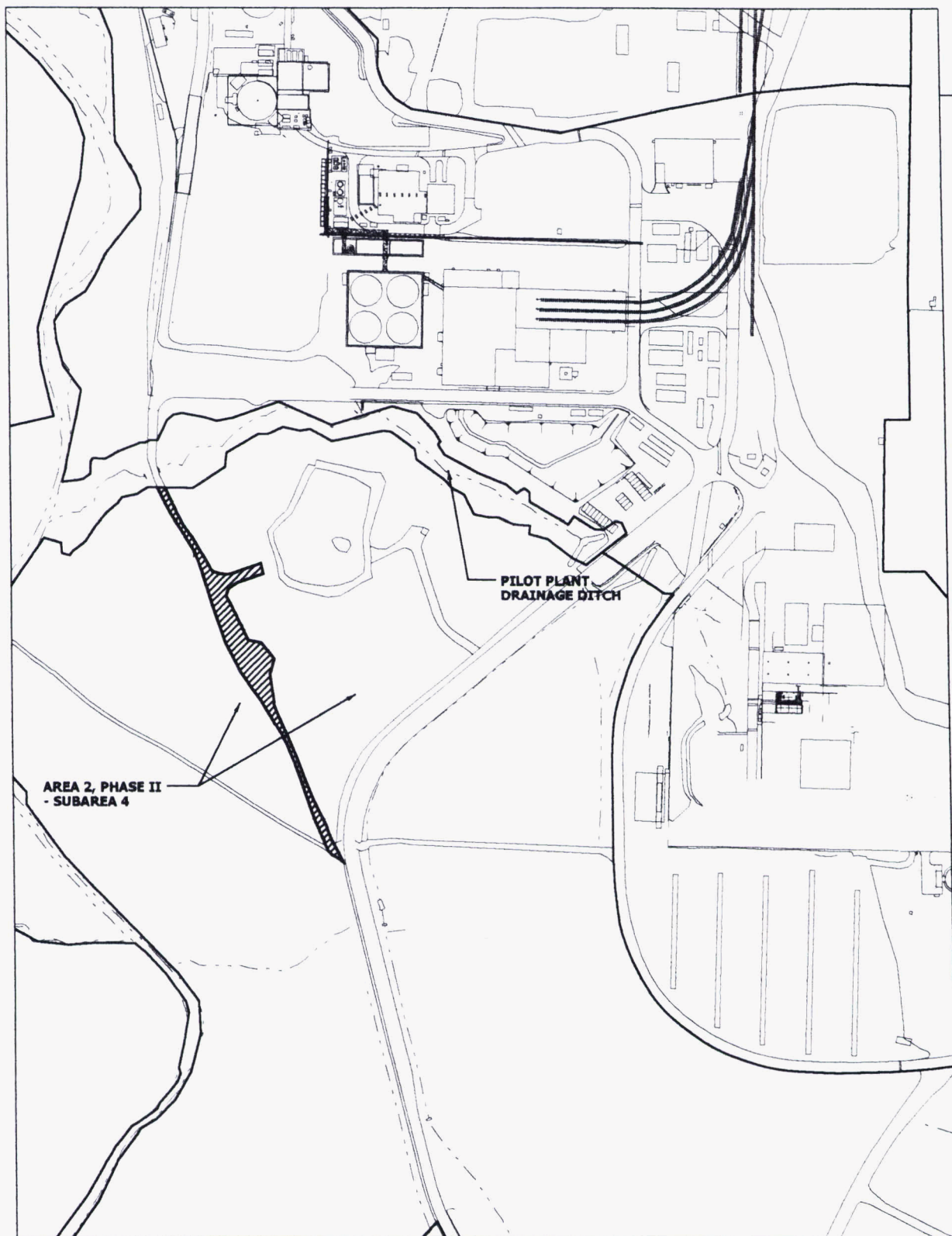
Sample ID	Uranium, Total		Thorium-232		Thorium-228		Radium-228		Radium-226	
A2P2-C46-1	28.3	-	0.287	-	0.321	-	0.287	-	0.659	J
A2P2-C46-11	15.7	-	0.768	-	0.762	-	0.768	-	0.864	J
A2P2-C46-12	6.34	-	0.978	-	1.05	-	0.978	-	0.907	J
A2P2-C46-14	81.7	-	1.02	-	0.935	-	1.02	-	1.44	J
A2P2-C46-15	34.6	-	1.06	-	0.939	-	1.06	-	1.43	J
A2P2-C46-16	8.99	-	1.04	-	0.977	-	1.04	-	1.12	J
A2P2-C46-2	8.72	-	1.16	-	1.19	-	1.16	-	1.25	J
A2P2-C46-4	30	-	0.967	-	0.981	-	0.967	-	0.904	J
A2P2-C46-5	9.61	-	1.01	-	1.04	-	1.01	-	0.952	J
A2P2-C46-7	32.9	-	0.671	-	0.667	-	0.671	-	0.927	J
A2P2-C46-8	21.7	-	0.861	-	0.908	-	0.861	-	1.15	J
A2P2-C46-9	11.3	-	0.732	-	0.678	-	0.732	-	0.823	J
FRL	82		1.5		1.7		1.8		1.7	
UNITS	mg/kg		pCi/g		pCi/g		pCi/g		pCi/g	
Conf. Level	0.95		0.95		0.95		0.95		0.95	
Max. Result	81.7		1.16		1.19		1.16		1.44	
Max. >= Limit	NO		NO		NO		NO		NO	
W-statistic Prob. #	--		--		--		--		--	
Test Procedure	--		--		--		--		--	
Sample Size	12		12		12		12		12	
Nondetects	0		0		0		0		0	
% Nondetects	0%		0%		0%		0%		0%	
Est. Mean*	--		--		--		--		--	
UCL	--		--		--		--		--	
Prob. > Limit	--		--		--		--		--	
Pass / Fail	--		--		--		--		--	
a posteriori Sample	--		--		--		--		--	
Size calculation	--		--		--		--		--	

Note: Est. Mean = Estimated measure of central tendency (Normal: Mean; LogNormal: Est. Mean; Non-Parametric: Median)

The maximum value of any duplicates was used in all statistical equations.

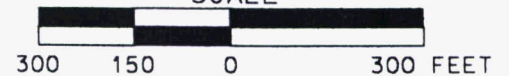
#: This is the highest reported probability of the Shapiro-Wilk W-statistic for tests for the validity of the normality assumption

The test is performed on the raw data (untransformed) data (N) and the log-transformed data (LN) to test for lognormality.

LEGEND:

A2P2 HAUL ROAD

SCALE



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FIGURE 1. AREA 2, PHASE II - SUBAREA 4 HAUL ROAD LOCATION MAP

V:\S2\m12\edg\ed2\p2_haul_1.500.dgn

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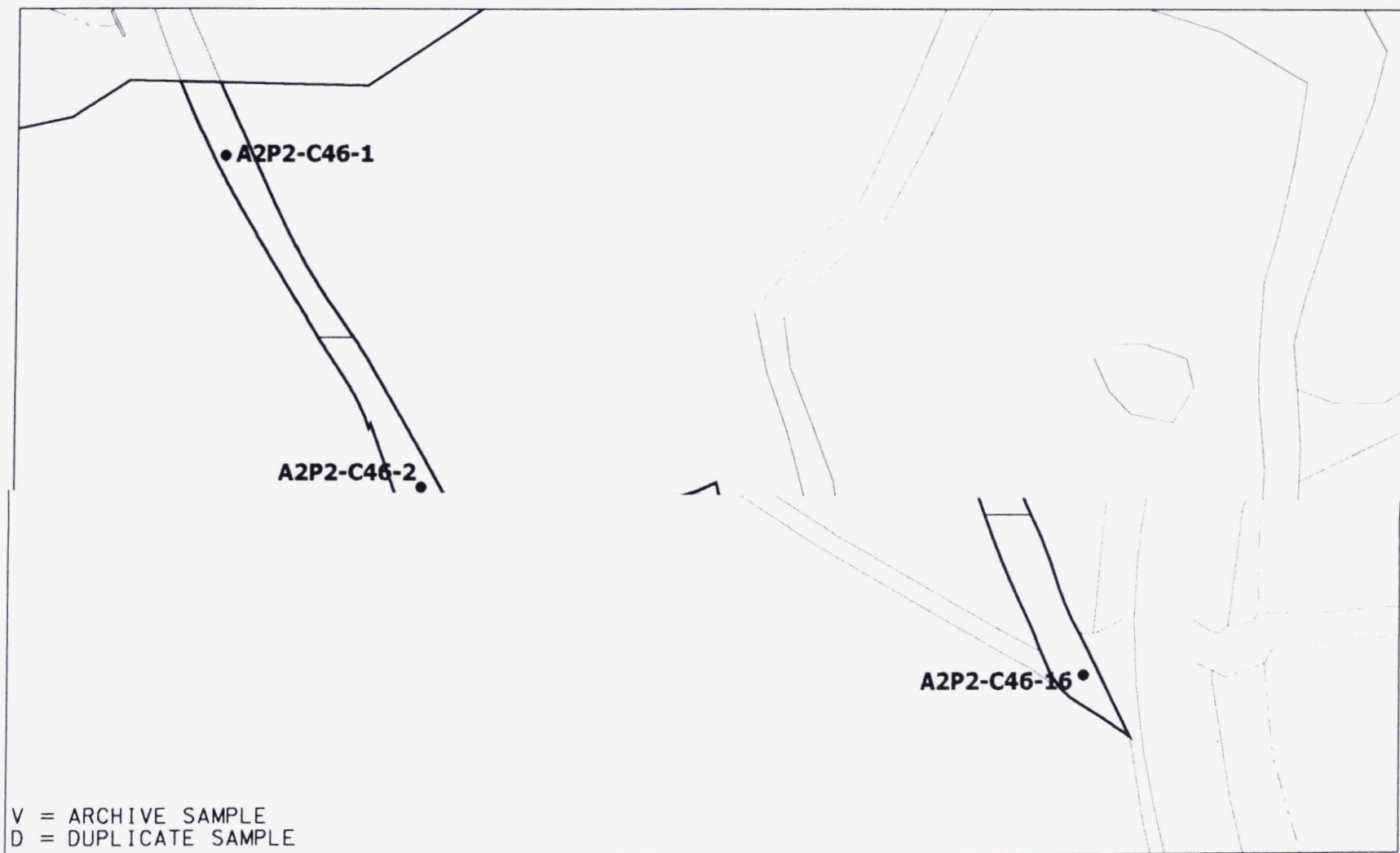


FIGURE 2. AREA 2, PHASE II - SUBAREA 4 HAUL ROAD CU, SUB-CU, AND SAMPLE LOCATION MAP

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